INVENTOR: Masaya Kobayashi et Al.
TITLE: LIQUID MEDICATION
CARTRIDGE AND INHALATION DEVICE...
Sheet 1 of 9
Docket No.: 03500.123386.
REPLACEMENT SHEET

FIG. 1A
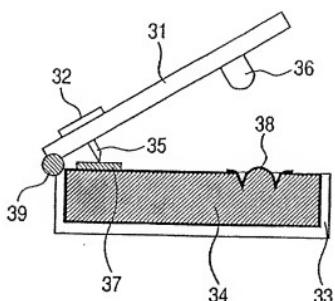
FIG. 1B
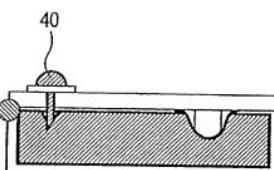
FIG. 2A
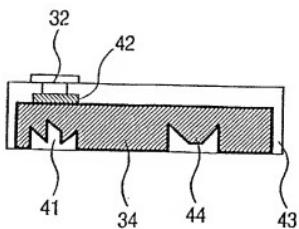
FIG. 2B
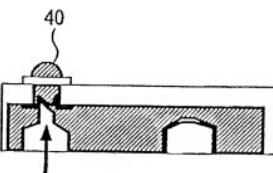
FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100

INVENTOR: Masaya Kobayashi et Al.
TITLE: LIQUID MEDICATION
CARTRIDGE AND INHALATION DEVICE...
Sheet 2 of 9
Docket No.: 03500.123386.
REPLACEMENT SHEET

2 / 9

FIG. 3A
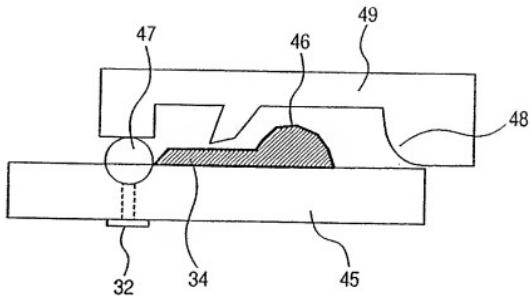
FIG. 3B
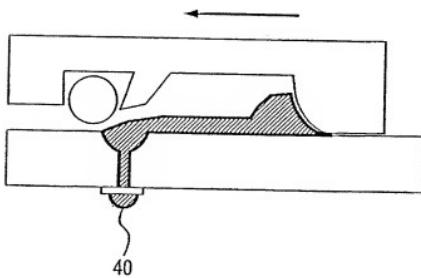
FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100

INVENTOR: Masaya Kobayashi et Al.
TITLE: LIQUID MEDICATION
CARTRIDGE AND INHALATION DEVICE...
Sheet 3 of 9
Docket No.: 03500.123386.
REPLACEMENT SHEET

3 / 9

FIG. 4A
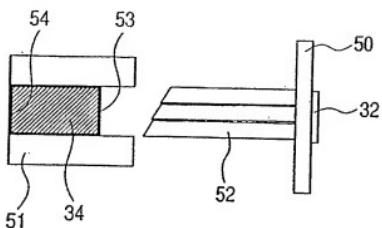
FIG. 4B
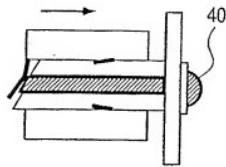
FIG. 5
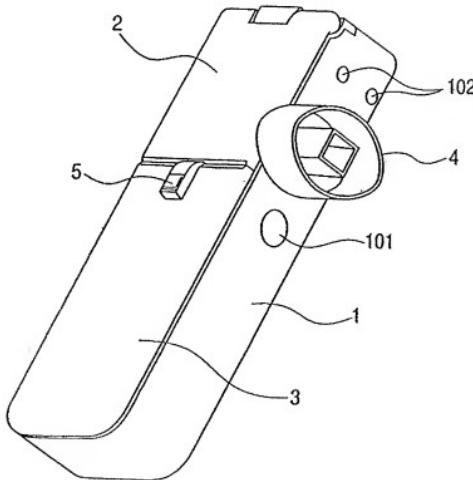
INVENTOR: Masaya Kobayashi et Al.
TITLE: LIQUID MEDICATION
CARTRIDGE AND INHALATION DEVICE...
Sheet 4 of 9
Docket No.: 03500.123386.

REPLACEMENT SHEET

FIG. 6

FIG. 7

FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100
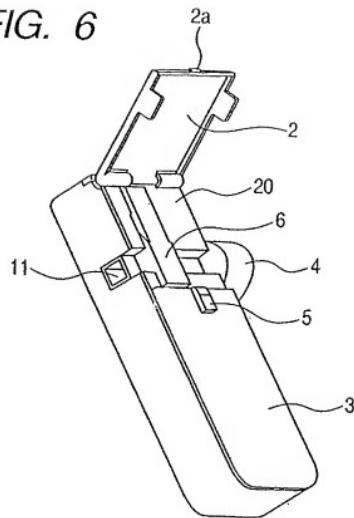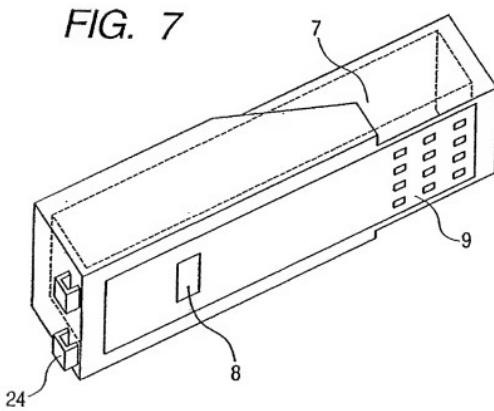
INVENTOR: Masaya Kobayashi et Al.
TITLE: LIQUID MEDICATION
CARTRIDGE AND INHALATION DEVICE...
Sheet 5 of 9
Docket No.: 03500.123386.
REPLACEMENT SHEET

5 / 9

FIG. 8
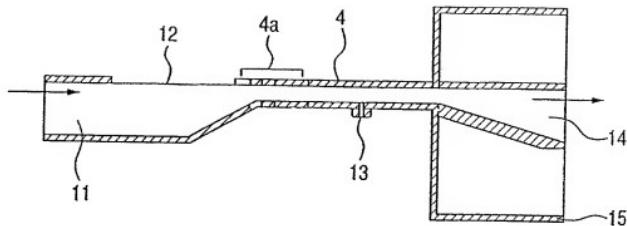
FIG. 9
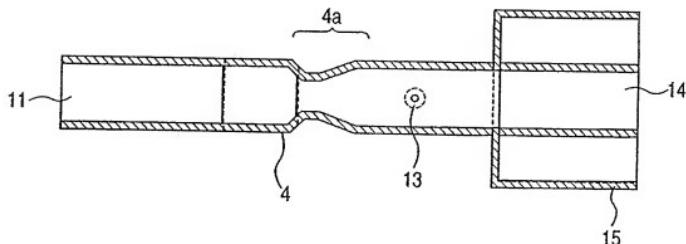
FIG. 10
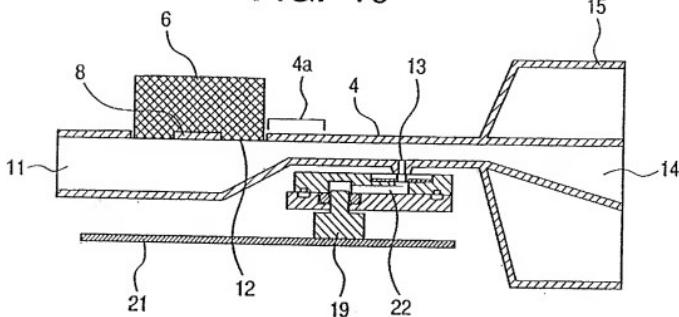
FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100

INVENTOR: Masaya Kobayashi et Al.
TITLE: LIQUID MEDICATION
CARTRIDGE AND INHALATION DEVICE ..
Sheet 6 of 9
Docket No.: 03500.123386.
REPLACEMENT SHEET

6 / 9

FIG. 11

FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100
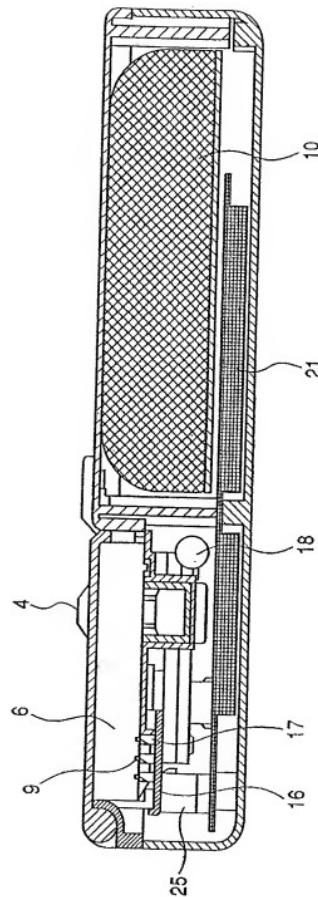
INVENTOR: Masaya Kobayashi et Al.
TITLE: LIQUID MEDICATION
CARTRIDGE AND INHALATION DEVICE...
Sheet 7 of 9
Docket No.: 03500.123386.
REPLACEMENT SHEET

7 / 9

FIG. 12

FITZPATRICK, CELLA, HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
212-218-2100

INVENTOR: Masaya Kobayashi et Al.
TITLE: LIQUID MEDICATION
CARTRIDGE AND INHALATION DEVICE...
Sheet 8 of 9
Docket No.: 03500.123386.

REPLACEMENT SHEET

8 / 9

FIG. 13


```
                    ( START )  POWER SWITCH ON

        S801
                 OPENING/CLOSING      NO
                    DETECTED?
        S802        YES

                 CRG ATTACHED?        NO
                                              START BLUETOOTH
                    YES                S803     COMMUNICATION

                                       S804   TRANSMIT/RECEIVE DATA
                                       S805
        S806                                 COMMUNICATION       NO
                                                COMPLETED?
           START INHALATION                      YES
        S807
                 INHALATION           NO
                  DETECTED?
        S808       YES                 S810

           START DISCHARGE          COMPUTE DEFICIENT-
        S809                           INHALATION
                 PREDETERMINED         NO
                AMOUNT INHALED
                      ?
                  YES

                    ( END )  POWER AUTO-OFF
```

FIG. 14

FIG. 15A

FIG. 15B

INHALATION